8 Fixes For Apex Legends Engine Error 0x887a0006

October 30, 2021



Apex Legends is one of the several successful Battle Royale games on the market. It has a large number of regular players that enjoy the game. Some players have experienced Apex Engine Error reading "pak" File or other errors. It causes their game to crash.

You're having difficulties resolving this "apex legends engine error" message. This article will lead you to a few standard troubleshooting techniques. Users who have seen "apex legends engine error" have employed various repair procedures. It will remedy the problem.

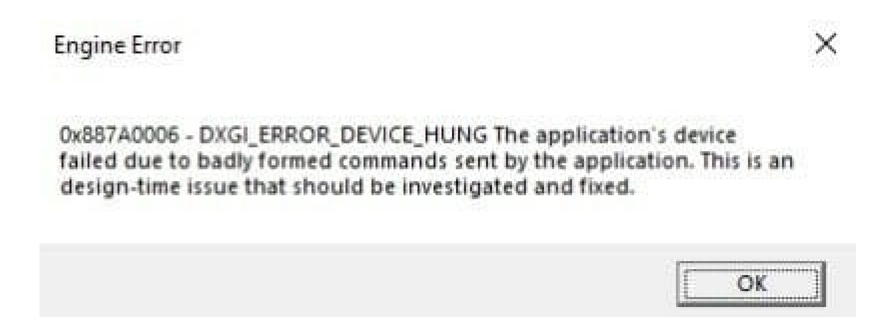
Make sure you design a step-by-step strategy for implementing these. Attempt them in the same order until your problem is resolved.

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What Is The Apex Legends Engine Error and Its Causes?

The 0x887a0006 Engine Error code is an error message. It appears while the player is in the middle of a game. The game crashes with the prompt message below.

"DXGI ERROR DEVICE HUNG Due to incorrectly structured directives sent by the application, the device failed. It is a design-time issue that has to be looked into and resolved."



The application's device failed due to the application's improperly formulated commands. It is a design-time issue that has to be looked into and resolved.

What Causes The Apex Engine Error?

Apex Legends Engine Error message "0x887a0006" could be caused by several different factors. These are the causes that can appear while running apex legends.

- **The Origins Launcher application does not have administrative rights.**
  - You can fix the problem by requiring the Origins launcher to open with admin privileges.
- **The game folder has been corrupted.**
  - When the main game folder has been damaged by file corruption, this can also happen. You can fix the problem by using Origins to repair the game and check the file's integrity.
- **A registry key is missing.**
  - A particular Registry Key is absent from the most recent Nvidia GPU drivers. It is not included in the installation package and is required to play Apex Legends stably.
- **The unstable beta version of the GPU driver.**
  - You'll need the most recent GPU driver. After updating their driver version, users have reported that the problem has been addressed.
- **GPU overclocking frequency is unreliable.**
  - You may be using an overclocked GPU to play the game. After reverting to stock frequencies, users claimed that the problem was resolved.

See also 8 Solutions to Unblur Course Hero

Fix Apex Legends Engine Error 0x887a0006

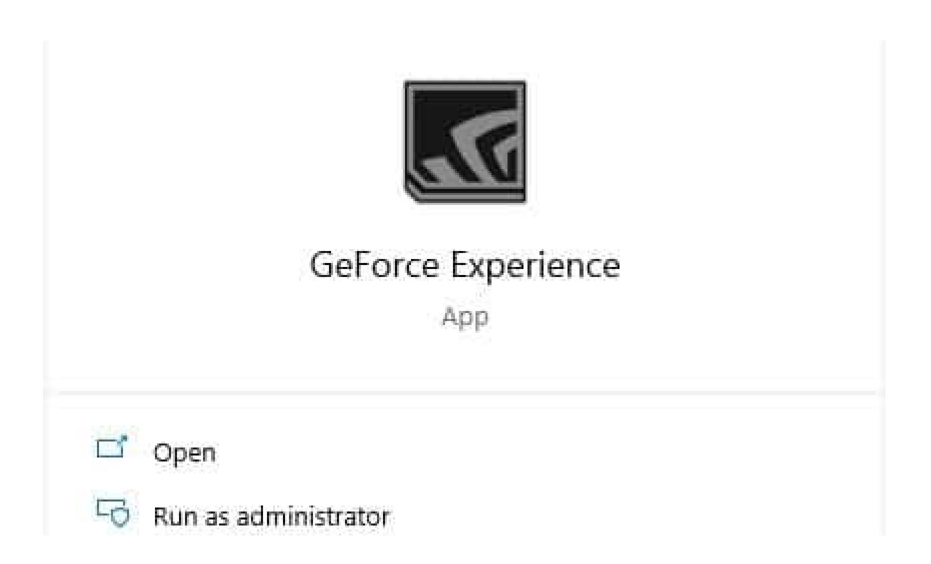
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1. Update The Graphics Driver

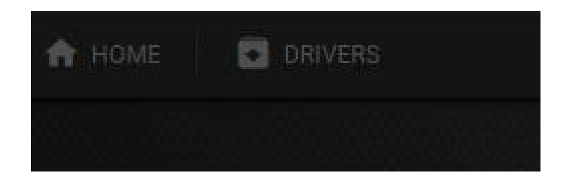
The game was just published, and it isn't sufficiently designed to operate nicely on older graphics cards. As a result, if the system's drivers are outdated, it frequently crashes and freezes. The graphics card drivers will be checked, and fresh updates will be applied in this stage.

Users of Nvidia:

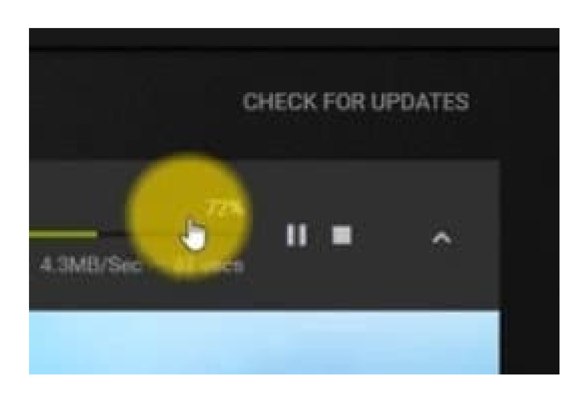
- On the corner side of the taskbar, click on the Search bar.
- Enter Geforce Experience in the search box.
- To start the application, click the first icon.



- After logging in to Geforce Experience, go to the top left and select “Drivers.”



- On the top right of that Tab, choose the “Check for Updates” option.



- Following that, the program will check for new updates.
- A “Download” button will display if updates are available.
- The driver will begin to download once you click that.
- After you’ve downloaded the driver, you’ll be given the option of installing it “Express” or “Custom.”
- The Driver will be installed if you select the “Express” installation option.
- Run the game after the installation is complete to see if the problem still exists.

AMD users

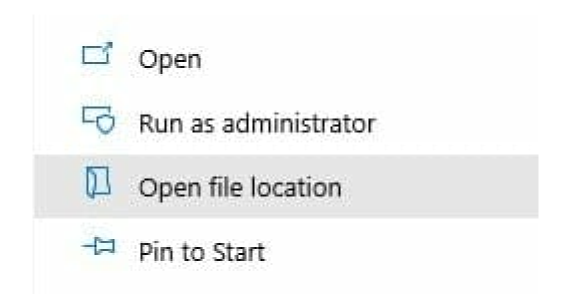
- Select AMD Radeon Settings from the Desktop menu.
- Updates can be located in the lower right corner of the Settings menu.
- Select “Check For Updates” from the drop-down menu.
- “Checking for Updates” is selected.
- A new option will appear if a new update is available.
- Select Update from the drop-down menu.
- The AMD installer will launch; when it prompts you to upgrade, select Upgrade.
- The installer will now prepare the package for installation; check all of the boxes and then click Install.
- It will now automatically download and install the latest driver.
- Try restarting your computer and playing the game again.

2. Run Apex Legends As An Administrator

After starting Origin with administrative privileges, the Error 0x887a0006 may no longer occur. It appears to indicate that the problem may arise. The Game lacks sufficient administrative privileges to access all required dependencies.

Every time you run the Origins executable, make it open with administrative privileges. You won't have to go through the same steps every time you want to play Apex Legends.

- Type and select Apex Legends into the Windows logo key. When Apex Legends appears, as a result, right-click it and select Open file location.



- Alternatively, Right-click the Apex Legends.exe file in File Explorer and choose Properties.
- Right-click Origins.exe and select Properties from the context menu.



- Make sure the box related to compatibility is checked in the Compatibility tab. As an administrator, run this software (under Settings).

Disable fullscreen optimizations
Run this program as an administrator
Register this program for restart
Change high DPI settings

- To save your changes, click Apply.

See also How to Use Facebook 'Take a Break' Feature to Mute Someone

3. Repair The Game In Origin

A game file corruption could be the source of the issue. If this is the problem, attempt repairing the game through the Origin interface. You're having problems with the 0x887a0006 error while playing Apex Legends. Try repairing files.

- Go to My Game Library in the Origins launcher.
- Repair the Apex Legends launcher by right-clicking it.
- Wait for the launcher to check the game files and replace any that are corrupted with fresh versions.

- For this process to be successful, you'll need a stable Internet connection.
- Restart your computer once the process is complete, and then launch the game after the next startup is complete.

4. Remove Your GPU Overclock

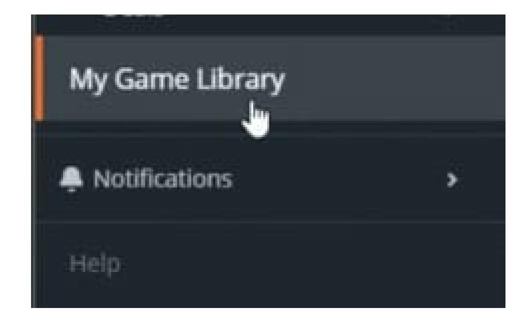
Boost PC performance, and many gamers may desire to overclock the CPU or graphics card. The facts show that overclocking might improve the gaming experience in some cases. It can also cause problems.

After being overclocked, your PC could be unsteady. If you are overclocking incorrectly, you may have a variety of troubles during gameplay. For this circumstance, it contains game smashing and Apex Legends engine fault. As a result, if you're overclocking your PC, you should stop right now.

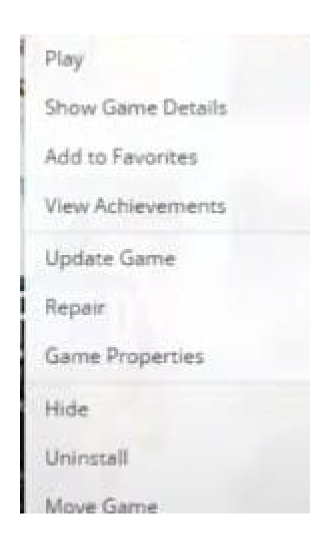
5. Verify Apex Legends Game Files

Over time, certain game files may go missing or get corrupted. For the game to load correctly, all of its files must be intact. If any game files are missing, the game may crash.

- Sign in to your Origin account and open the client.
- On the left panel, select the "Game Library" option.



- Right-click on "Apex Legends" in the "Game Library" tab and choose "Repair Game."
- The client will verify the game files.

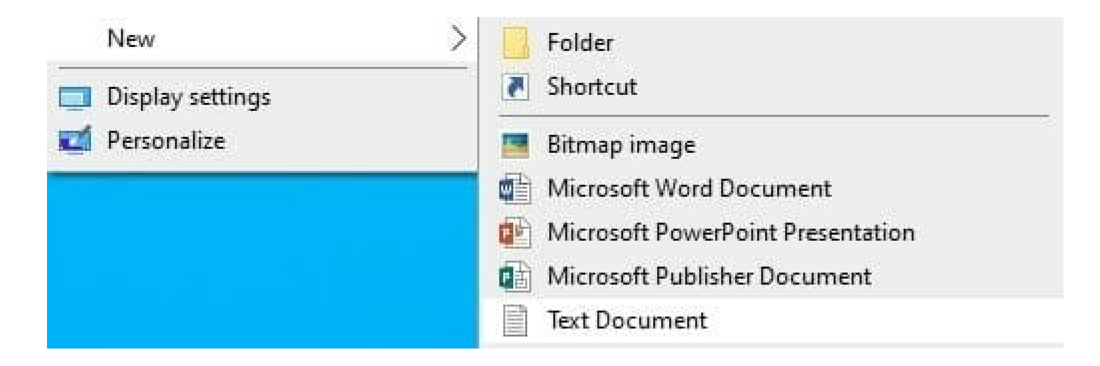


- It will then download any missing files and, if necessary, replace any corrupted files.
- Run the game and see whether the issue still exists.

6. Edit Registry

The engine issue in Apex Legends might potentially be caused by a missing command line from the registry. You can try adding a command line in Windows registry editor version 5.0. Check whether it fixes the problem.

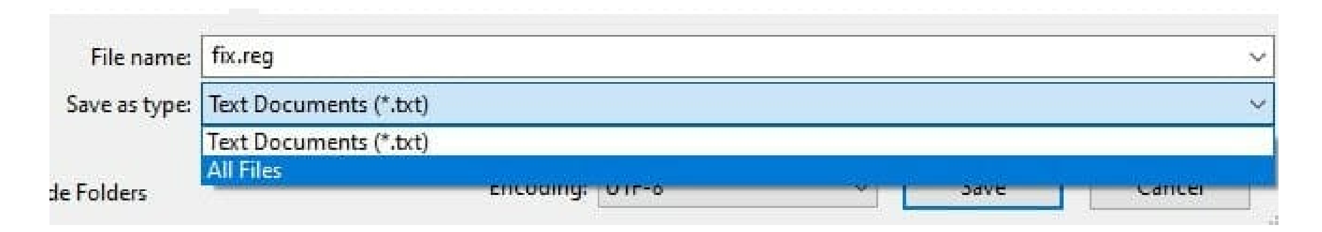
- Anywhere on the desktop, Right-Click then New, click on Text Document.



- In the text document, type the following command.
    - [HKEY_LOCAL_MACHINESYSTEM\CurrentControlSet\Control\GraphicsDrivers] “TdrDelay”=hex(b):08,00,00,00,00,00,00,00

File Edit Format View Help
[HKEY_LOCAL_MACHINE/SYSTEM\CurrentControlSet\Control\GraphicsDrivers] "TdrDelay"=hex(b):08,00,00,00,00,00,00,00

- Choose File, then Save As.
- Save the file as **fix.reg** and choose “all files” as the file type. Press the Save button.



- When prompted about the message, select Yes.
- To see if the Engine fault has been fixed, restart Apex Legends.

See also 9 Solutions to Fix Monitor Randomly Goes Black

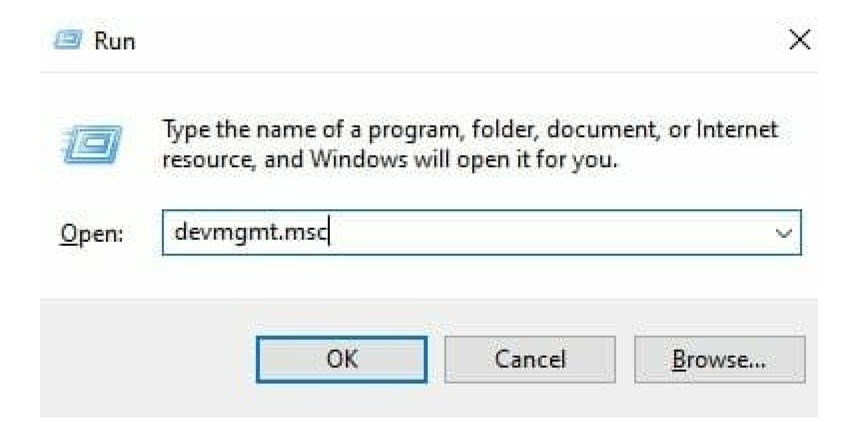
7. Delete The Respawn Folder

First, try deleting the respawn folder and then repairing the game. It might also aid in the correction of the error. Remove the respawn folder from your computer. Simply use the Windows search bar to look for the “Saved Games” folder. Find and delete the Respawn folder from this location. Finally, try to repair the game and verify whether the problem still exists.

8. Roll Back Your GPU Driver To Older Version

Many Apex Legends players said that reverting to an older version of the graphics driver fixed their problem. Here’s a little tutorial on how to accomplish it.

- To launch the Run dialogue box, press Windows key + R. Then, to open Device Manager, type “**devmgmt.msc**” and press Enter.



- Expand the Display adapters menu in the drop-down menu. Then select Properties from the context menu of your specialized GPU driver.



- Go to the Driver tab in the Properties page and select Roll Back Driver.



- To begin the rolling back procedure, select a reason and click Yes at the confirmation box.
- Restart your computer after the GPU driver has been rolled back to determine if the error has been addressed.

Conclusion

"Apex legends engine error" is a common error. By now, you should have figured out how to fix the Apex Legends Engine issue. Please leave any questions, ideas, or suggestions in the comments section.

FAQs

What is a DXGI error?

DXGI ERROR DEVICE REMOVED When your computer's graphics card isn't working correctly. There's a connectivity problem. You'll get this error. Don't worry if you're having trouble with this. There are elementary solutions that can be implemented in no time.

Why Does My Apex Keep Saying Engine Error?

If you're using the improper graphics driver or it's out of date, you can see this Engine error. As a result, you should attempt updating your graphics driver to see if it resolves your issue. Driver Easy can do it for you if you don't have the time, patience, or skills to update the driver manually.

What Causes Dxgi_error_device_hung?

The DXGI ERROR DEVICE HUNG error is a prevalent issue. It is usually caused by incorrect DirectX configuration. A variety of factors could cause the error. It includes Direct X difficulties, wrong game settings. Also, outdated drivers, RAM issues, an overclocked CPU, and so on.